

AGS/RHIC SHUTDOWN SCHEDULE – REV. 2

R. Zaharatos –Dec. 18, 2002

RESULTS – 1630HRS, DEC. 18, 2002

SHUTDOWN REQUEST PRIMARILY FOR ACCESS TO IR'S BY EXPERIMENTORS

SHUTDOWN PERIOD: WEDS., Dec. 18, 2002, 0830HRS TO 1630HRS(READY FOR BEAM)

HEBT 3 RESTRICTED ACCESS – 0900-TO?? AS MUCH TIME AS CAN BE ALLOWED UP TO BEAM TURN-ON(HP Survey 0845)

ATR/W/XY ARCS RESTRICTED ACCESS – 0930-1330(HP Survey 0900)

AGS RING CONTROLLED ACCESS ENTRIES PERIOD – 1000-1400(Begin Controlled Access LOTO at 0830, HP surveys at 0930hrs.)

AGS RING READY FOR BEAM BY - 1630

RHIC IR's – Restricted Access – 0830 to ?? sweeps completed by 1630

RHIC TUNNEL RESTRICTED ACCESS PERIOD - 0830 to 1230 – HP surveys required for beam dump, injection line, and Ylw. Inject. Kicker #2 (Begin sweeping those areas where work has been completed at 1230hrs.)
READY FOR BEAM BY - 1630

BOOSTER ACCESS – IF TIME PERMITS – CHECK GNDS.

PRIMAY JOBS:

CONTROLS SYSTEMS – **RHIC Manager Server will be off beginning at 0900hrs** for approx. 1 hour to apply patches to acnsun68. **Also cadops.bnl.gov will be off** for approx. 20 minutes to add more disk space.

AGS RING ACCESS JOBS

- IP** 1. C15 Polarimeter - Install preamplifiers.(Beam Comp.)
RS 2. Investigate chamber gnd. problems at A4, A8, A14, B4, C14, J14, and L18 (Bm. Comp.)

AGS EXTERNAL

- C** 1. Change SIS scaler card for 1000P chipmunks, cfe-wh-ps1
C 2. Siemens Rect. Module #2 – clean water solenoid valves
C 3. Siemens M/G – replace motor pedestal #2 thermocouple.
C 4. Siemens M/G – cursory internal inspection

BOOSTER RING ACCESS JOBS

- RS** 1. Check ring grounds

BOOSTER EXTERNAL

- C** 1. Tunnel air-compressor system – clean all filters(A/C Grp.)
C 2. Relocate heat trace temperature mon. in 930A crossover trench(Deboer)

BAF STUB TUNNEL

- C** 1. Replace BAF instrumentation package for RW63 SWIC(Bellavia)

ATR ACCESS JOBS

- C** 1. U/W and X/Y Arcs – clean water all water strainers(FES)

LINAC/HEBT ACCESS JOBS

- RS** 1. Complete installation of relocated HEBT Gate(Access Ctrls.)
IP/RS 2. Vacuum work downstream of new gate for Pol. Protons diagnostics line.
C 3. Core samples in HEBT

RHIC ACCESS JOBS

- C** 1. Cryo – rebuild 8 valve actuators(8 ring locations)
C 2. Corrector P.S.'s – repairs to yo1-th10, yo1-th12, bo3-th12, yo12-tv11, and y12-tgh(Bruno – some may be repaired prior to Weds.)
RS 3. Relamping(Bernier)
C 4. Continue RF system QEI modifications
IP/RS 5. Stochastic Cooling(sect. 2) – commissioning
C 6. AC Dipole – investigate water flow problem
RS 7. 1008 – install contactors and switches(FES – Pearson)
C 8. Control Systems – 1009A Alcove, investigate readback problem for yo8-qs-ps(3A offset). 1007C, replace Lo Res Module for yi7-th13-ps(4.96v/not 5.0v)
RS 9. BRAHMS – install transformer(FES)

RHIC ACCESS JOBS(cont'd)

- RS** 10. PHENIX – repair access key tree(Access Ctrls.)
C 11. PP2PP Exp. – continue set-up work(FES/Pearson)
C 12. Cryo sector 4/5 - realign some thermostatic switches on quad lead flow crosses
C 13. Replace Ylw Injection Kicker #2(Bm. Comp.)
C 14. PHOBOS – position survey of Pcal and ZDC
C 15. Vacuum System – bleed all air lines to all sector valves(Vacu)
C 16. Vacuum – leak check bi1.

RHIC EXTERNAL

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| C | 1. Replace fiber optic receiver in 1004B for quench sys.(Ctrls. Grp. |
| IP/RS | 2. Begin installing and connecting new Modicom Network cables to fiber optic interface modules – begin at 1012A and go clk. wise(Ctrls. Grp.) |

TANDEM

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| C | 1. Change sputter targets for both beams. Tune with gold |
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